

**MULTIPLE INVENTORS****IBM Docket No: FIS920010162US1****Declaration and Power of Attorney for Patent Application**

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name; I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**A REWORK METHOD FOR FINISHING METALLURGY ON CHIP CARRIERS**

the specification of which (check one)

☒ is attached hereto.

☐ was filed on \_\_\_\_\_ as Application Serial No. \_\_\_\_\_ and was amended on \_\_\_\_\_.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability as defined in 37 CFR §1.56.

I hereby claim foreign priority benefits under 35 USC §119(a)-(d) or §365(b) of any foreign application(s) for patent or inventor's certificate, or §365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed:

**Prior Foreign Application(s):**

Number	Country	Day/Month/Year	Priority Claimed
--------	---------	----------------	------------------

I hereby claim the benefit under 35 USC §119(e) of any United States provisional application(s) listed below:

Application Number	Filing Date
--------------------	-------------

I hereby claim the benefit under 35 USC §120 of any United States application(s), or §365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 USC §112, I acknowledge the duty to disclose information material to the patentability of this application as defined in 37 CFR §1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application:

IBM Docket No.: FIS920010162US1

## Prior U.S. Applications:

Serial No.	Filing Date	Status (patented, pending, abandoned)
------------	-------------	---------------------------------------

I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith: Anthony P. DeLio (Reg. No. 18,729); Peter W. Peterson (Reg. No. 31,867); John J. Tomaszewski (Reg. No. 26,241); Robert Curcio (Reg. No. 44, 638); Kelly M. Reynolds (47,898); Joseph P. Abate (Reg. No. 30,238); Jay H. Anderson (Reg. No. 38,371); Ira D. Blecker (Reg. No. 29,894); Steven Capella (Reg. No. 33,086); Dale M. Crockatt (Reg. No. 35,109); Harold Huberfield (Reg. No. 26,665); Todd M.C. Li (Reg. No. 45,554); Susan Murray (Reg. No. 38,252); Daryl K. Neff (Reg. No. 38,253); Margaret A. Pepper (Reg. No. 45,008); Eric W. Petraske (Reg. No. 28,459); Marc D. Schechter (Reg. No. 28,989); H. Daniel Schnurmann (Reg. No. 35,791); William P. Skladony (Reg. No. 33,787); Tiffany L. Townsend (Reg. No. 43,199).

Address all telephone calls to: **John J. Tomaszewski of DeLIO & PETERSON, LLC** at (203) 787-0595.

Address all correspondence to: **DeLIO & PETERSON, LLC**  
121 Whitney Avenue  
New Haven, CT 06510

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

- (1) Inventor: Charles L. Arvin  
Signature: Charles L. Arvin 17 October 2001  
Date  
Residence: 519 Riverside Drive, South Bend, IN 46601  
Citizenship: USA  
Post Office Address: SAME AS RESIDENCE
- (2) Inventor: Daniel G. Berger  
Signature: \_\_\_\_\_  
Date  
Residence: 50 Top O'Hill Road, Wappingers Falls, NY 12590  
Citizenship: USA  
Post Office Address: SAME AS RESIDENCE

IBM Docket No.: FIS920010162US1

(3) Inventor: Hsichang Liu

Signature: \_\_\_\_\_

Date

Residence: 56 Highland Court, Fishkill, NY 12524

Citizenship: USA

Post Office

Address: SAME AS RESIDENCE

(4) Inventor: Krystyna W. Semkow

Signature: \_\_\_\_\_

Date

Residence: 14 Cornwell Street, Poughquag, NY 12570

Citizenship: USA

Post Office

Address: SAME AS RESIDENCE

ibmf100340000dec

**IBM Docket No: FIS920010162US1**

**Declaration and Power of Attorney for Patent Application**

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name; I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**A REWORK METHOD FOR FINISHING METALLURGY ON CHIP CARRIERS**

the specification of which (check one)

☒ is attached hereto.

☐ was filed on \_\_\_\_\_ as Application Serial No. \_\_\_\_\_ and was amended on \_\_\_\_\_.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability as defined in 37 CFR §1.56.

I hereby claim foreign priority benefits under 35 USC §119(a)-(d) or §365(b) of any foreign application(s) for patent or inventor's certificate, or §365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s):

Number	Country	Day/Month/Year	Priority Claimed
--------	---------	----------------	------------------

I hereby claim the benefit under 35 USC §119(e) of any United States provisional application(s) listed below:

Application Number	Filing Date
--------------------	-------------

I hereby claim the benefit under 35 USC §120 of any United States application(s), or §365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 USC §112, I acknowledge the duty to disclose information material to the patentability of this application as defined in 37 CFR §1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application:

## Prior U.S. Applications:

Serial No.	Filing Date	Status (patented, pending, abandoned)
------------	-------------	---------------------------------------

I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith: Anthony P. DeLio (Reg. No. 18,729); Peter W. Peterson (Reg. No. 31,867); John J. Tomaszewski (Reg. No. 26,241); Robert Curcio (Reg. No. 44, 638); Kelly M. Reynolds (47,898); Joseph P. Abate (Reg. No. 30,238); Jay H. Anderson (Reg. No. 38,371); Ira D. Blecker (Reg. No. 29,894); Steven Capella (Reg. No. 33,086); Dale M. Crockatt (Reg. No. 35,109); Harold Huberfield (Reg. No. 26,665); Todd M.C. Li (Reg. No. 45,554); Susan Murray (Reg. No. 38,252); Daryl K. Neff (Reg. No. 38,253); Margaret A. Pepper (Reg. No. 45,008); Eric W. Petraske (Reg. No. 28,459); Marc D. Schechter (Reg. No. 28,989); H. Daniel Schnurmann (Reg. No. 35,791); William P. Skladony (Reg. No. 33,787); Tiffany L. Townsend (Reg. No. 43,199).

Address all telephone calls to: **John J. Tomaszewski of DeLIO & PETERSON, LLC** at (203) 787-0595.

Address all correspondence to: **DeLIO & PETERSON, LLC**  
 121 Whitney Avenue  
 New Haven, CT 06510

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

- |     |                      |   |                        |
|-----|----------------------|---|------------------------|
| (1) | Inventor:            | Charles L. Arvin  |                        |
|     | Signature:           | _____   | Date                   |
|     | Residence:           | 519 Riverside Drive, South Bend, IN 46601   |                        |
|     | Citizenship:         | USA   |                        |
|     | Post Office Address: | SAME AS RESIDENCE   |                        |
| (2) | Inventor:            | Daniel G. Berger  |                        |
|     | Signature:           | <u>Daniel G. Berger</u>   | <u>10/4/01</u><br>Date |
|     | Residence:           | <del>50 Top O'Hill Road, Wappingers Falls, NY 12590</del><br>544 ALBANY POST ROAD, NEW PALTZ, NY 12561 DB |                        |
|     | Citizenship:         | USA   |                        |
|     | Post Office Address: | SAME AS RESIDENCE   |                        |

(3) Inventor: Hsichang Liu

Signature:



Oct. 4. 2001

Date

Residence: 56 Highland Court, Fishkill, NY 12524

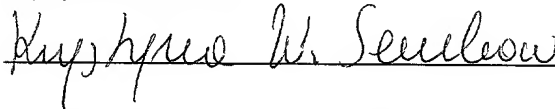
Citizenship: USA

Post Office  
Address:

SAME AS RESIDENCE

(4) Inventor: Krystyna W. Semkow

Signature:



10/03/01

Date

Residence: 14 Cornwell Street, Poughquag, NY 12570

Citizenship: USA

Post Office  
Address:

SAME AS RESIDENCE

ibmf100340000dec

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of:

APPLICANT: Charles L. Arvin et al.

SERIAL NO.:

FILING DATE:

FOR: A REWORK METHOD FOR FINISHING  
METALLURGY ON CHIP CARRIERS

**ASSOCIATE POWER OF ATTORNEY**

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

INTERNATIONAL BUSINESS MACHINES CORPORATION, owner of the above identified patent application, hereby appoints Christopher A. Hughes, Reg. No. 26,914; Edward A. Pennington, Reg. No. 32,588; John E. Hoel, Reg. No. 26,279; and Joseph C. Redmond, Jr., Reg. No. 18,753; all of Morgan & Finnegan, as its associate attorneys to prosecute said patent application, to make alterations and amendments therein, to take any and all other actions with regard to this patent application and the resulting patent and to transact all business with the Patent and Trademark Office connected therewith.

Please continue to address all future correspondence to:

**DeLIO & PETERSON, LLC**  
**121 Whitney Avenue**  
**New Haven, CT 06510**

Respectfully submitted,

By: 

Ira D. Blecker  
29,894

**CERTIFICATION OF MAILING UNDER 37 CFR 1.10**

"Express Mail" mailing label number EK602285576US Date of Deposit: October 30, 2001 hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231

Name: Karen Cinq-Mars  
ibmf100340000apa

Signature: 